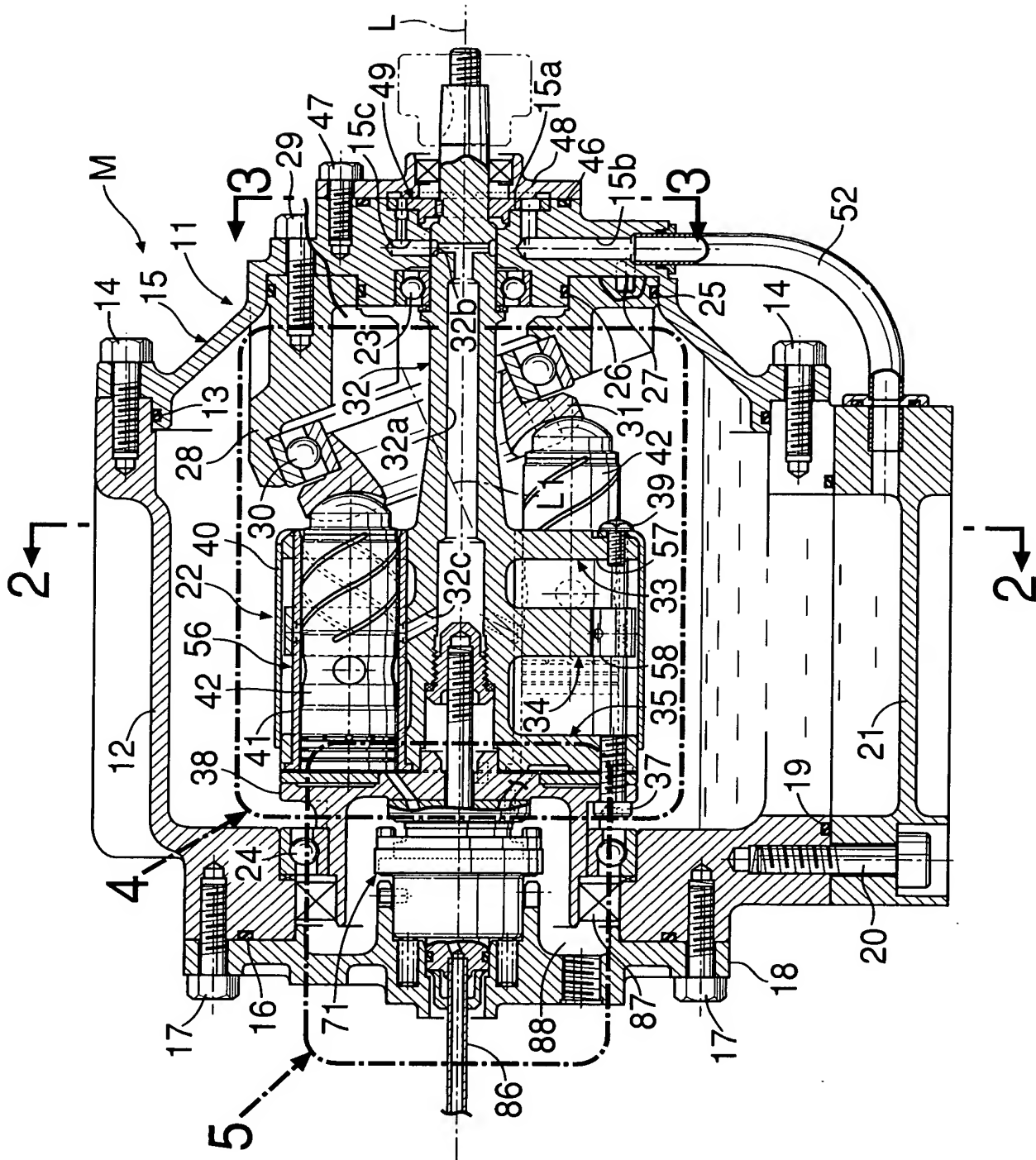
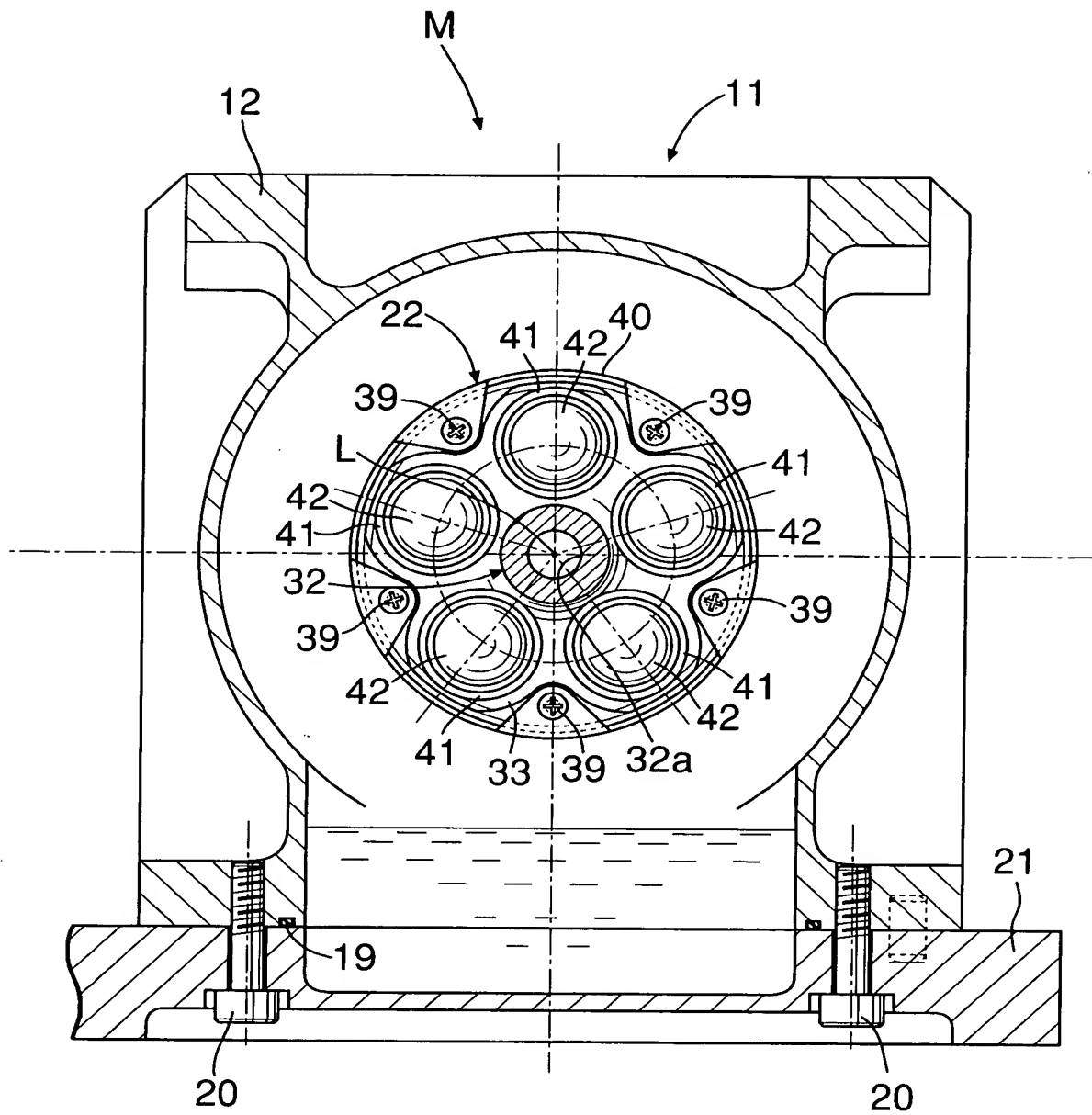


FIG.1





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FIG.3

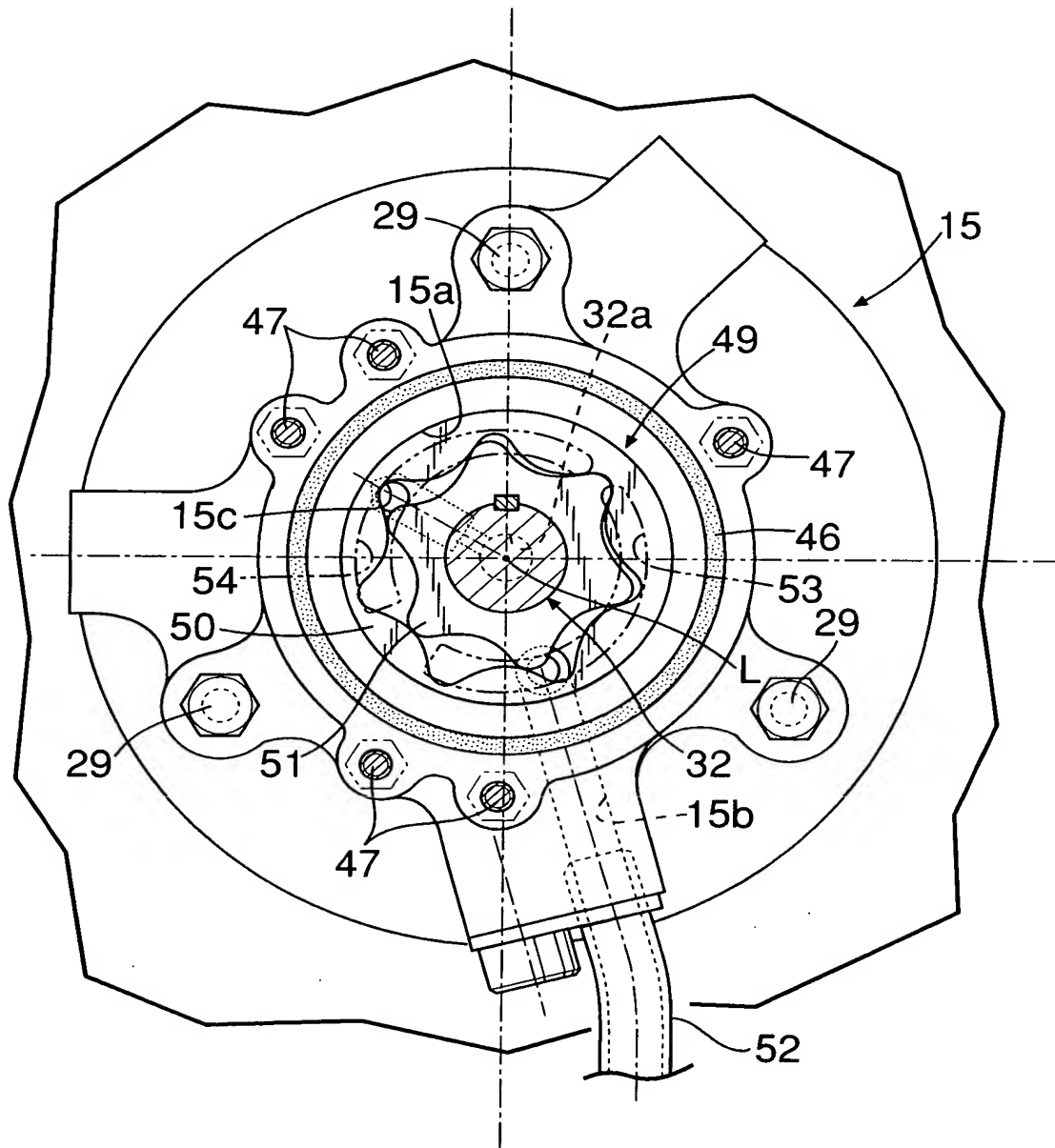


FIG.4

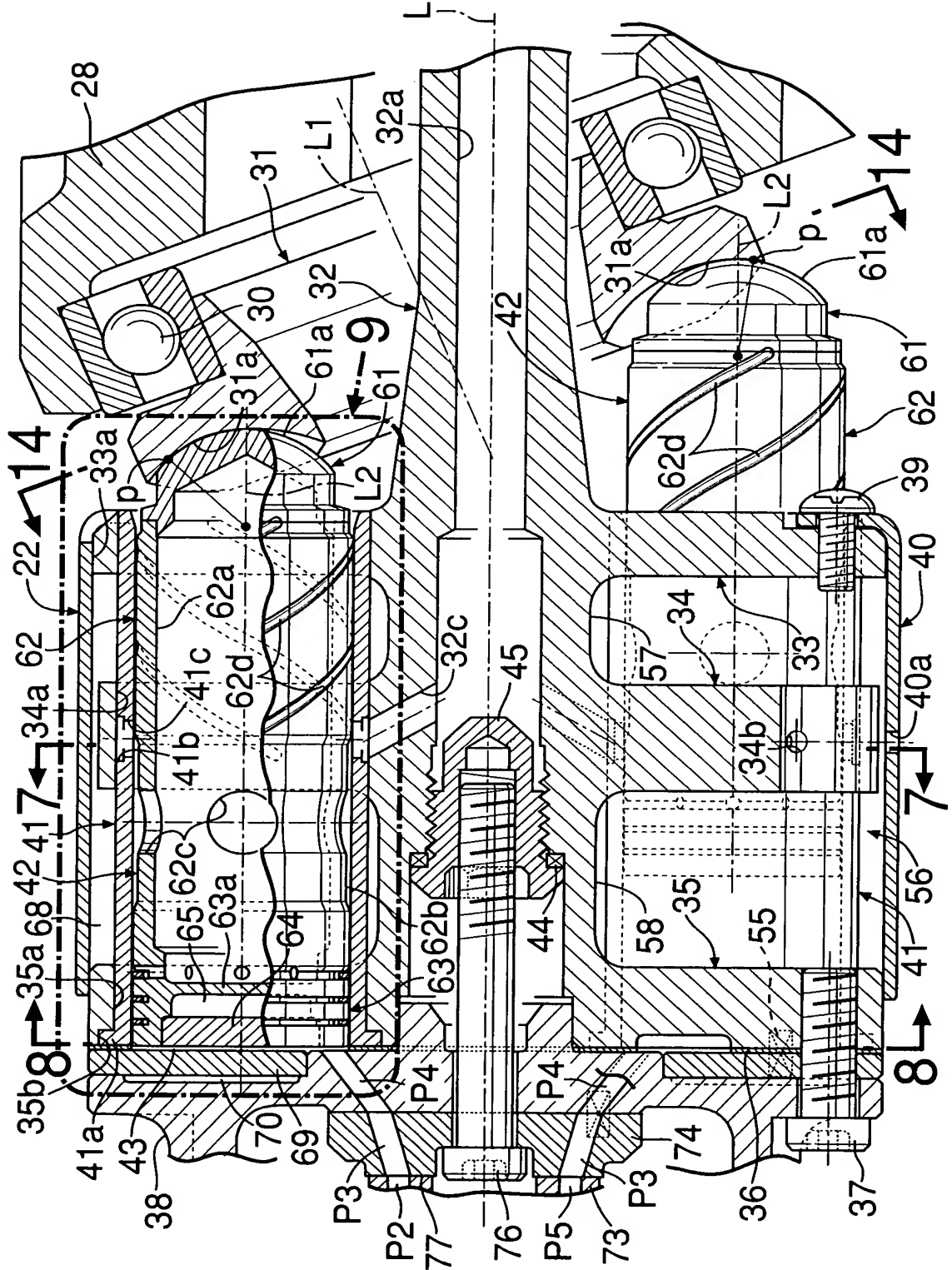


FIG.6

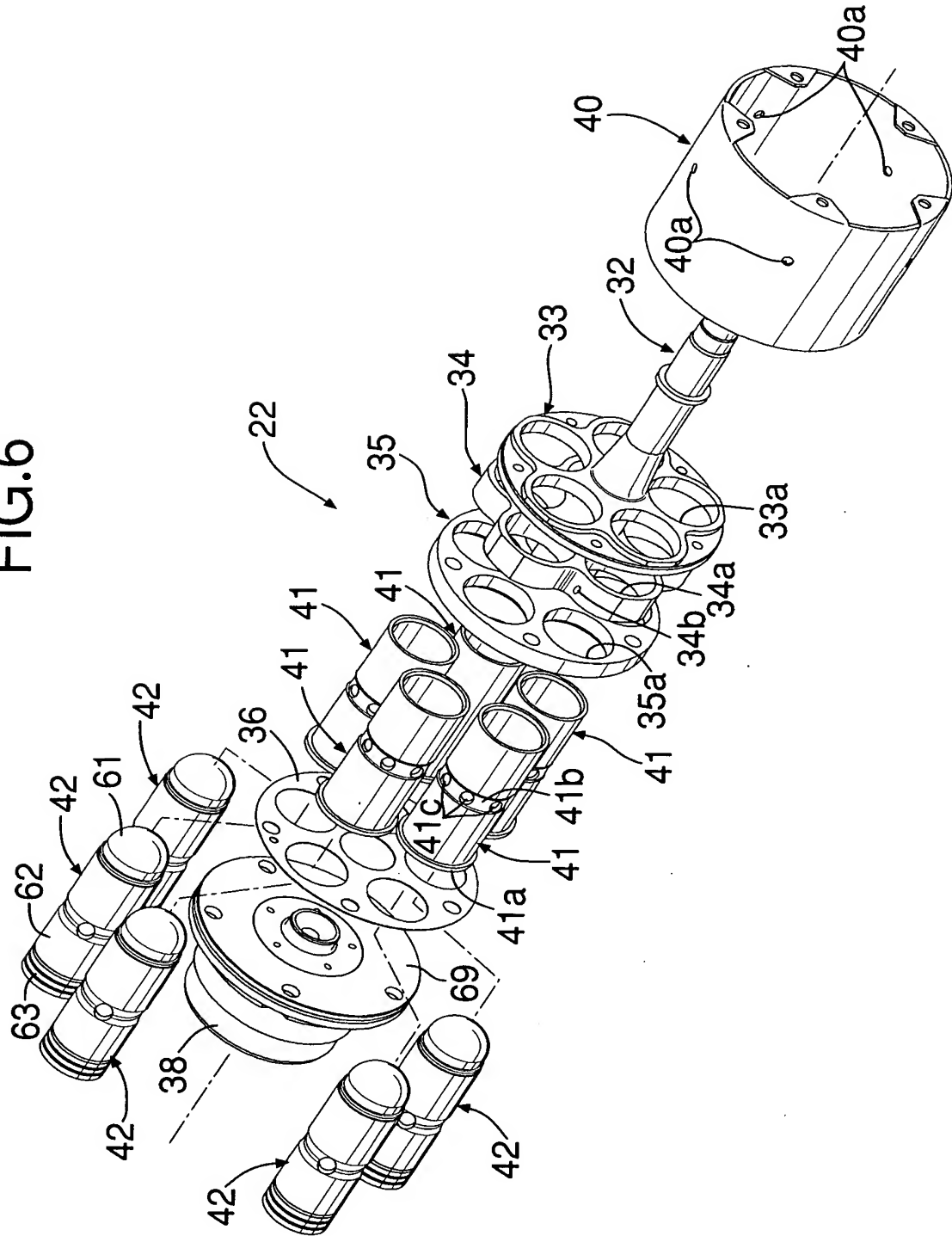


FIG. 7

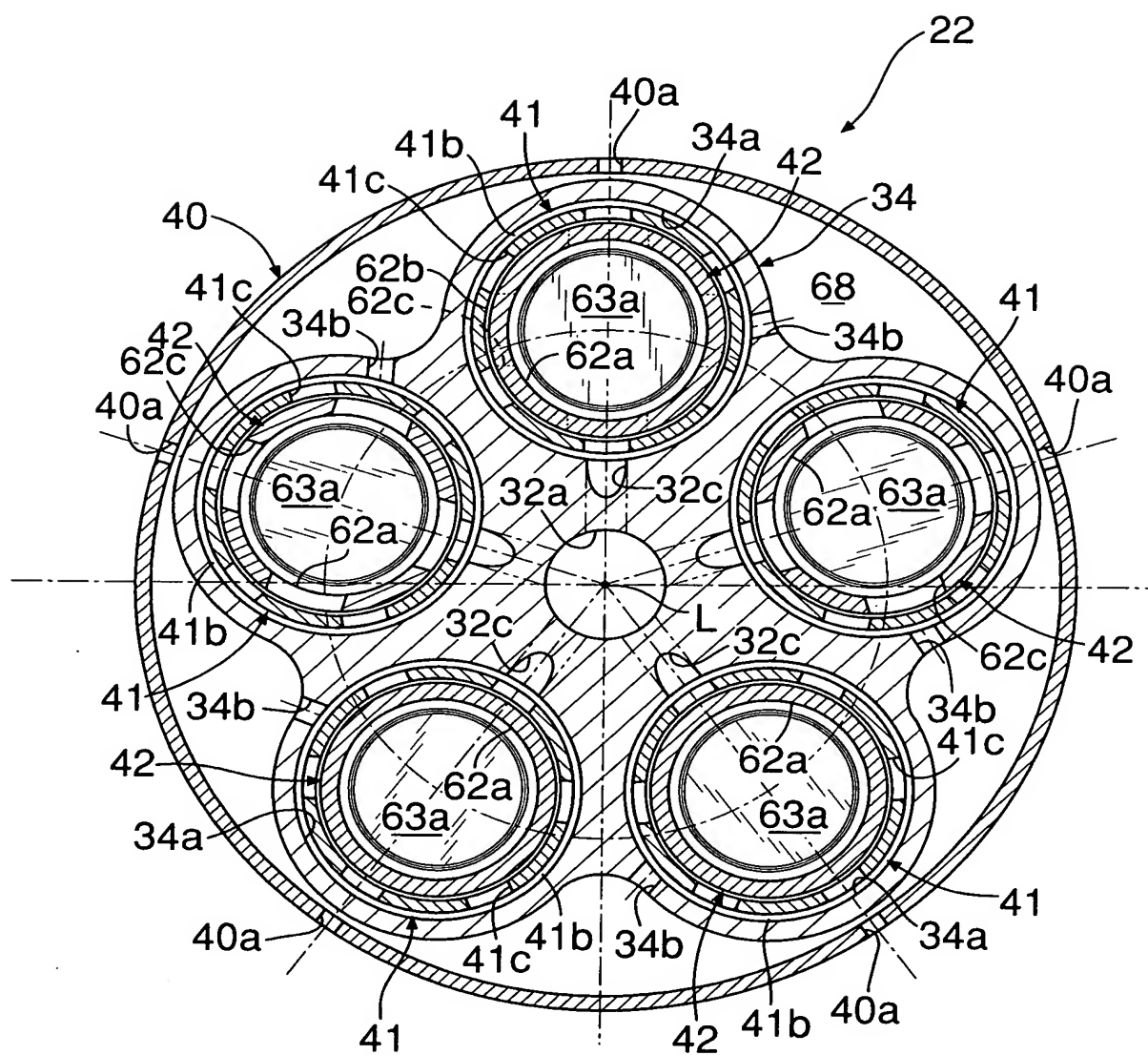


FIG. 8

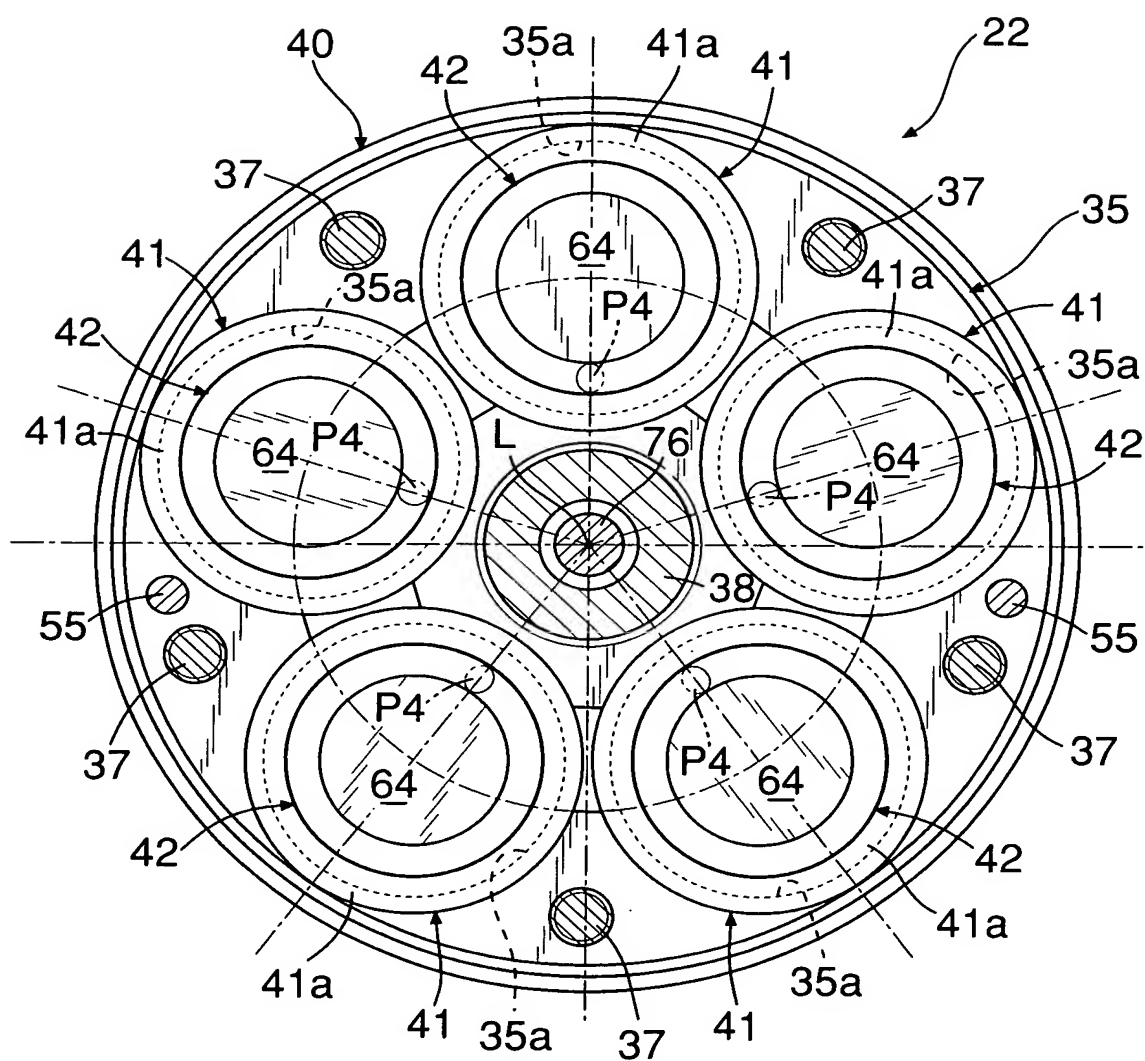
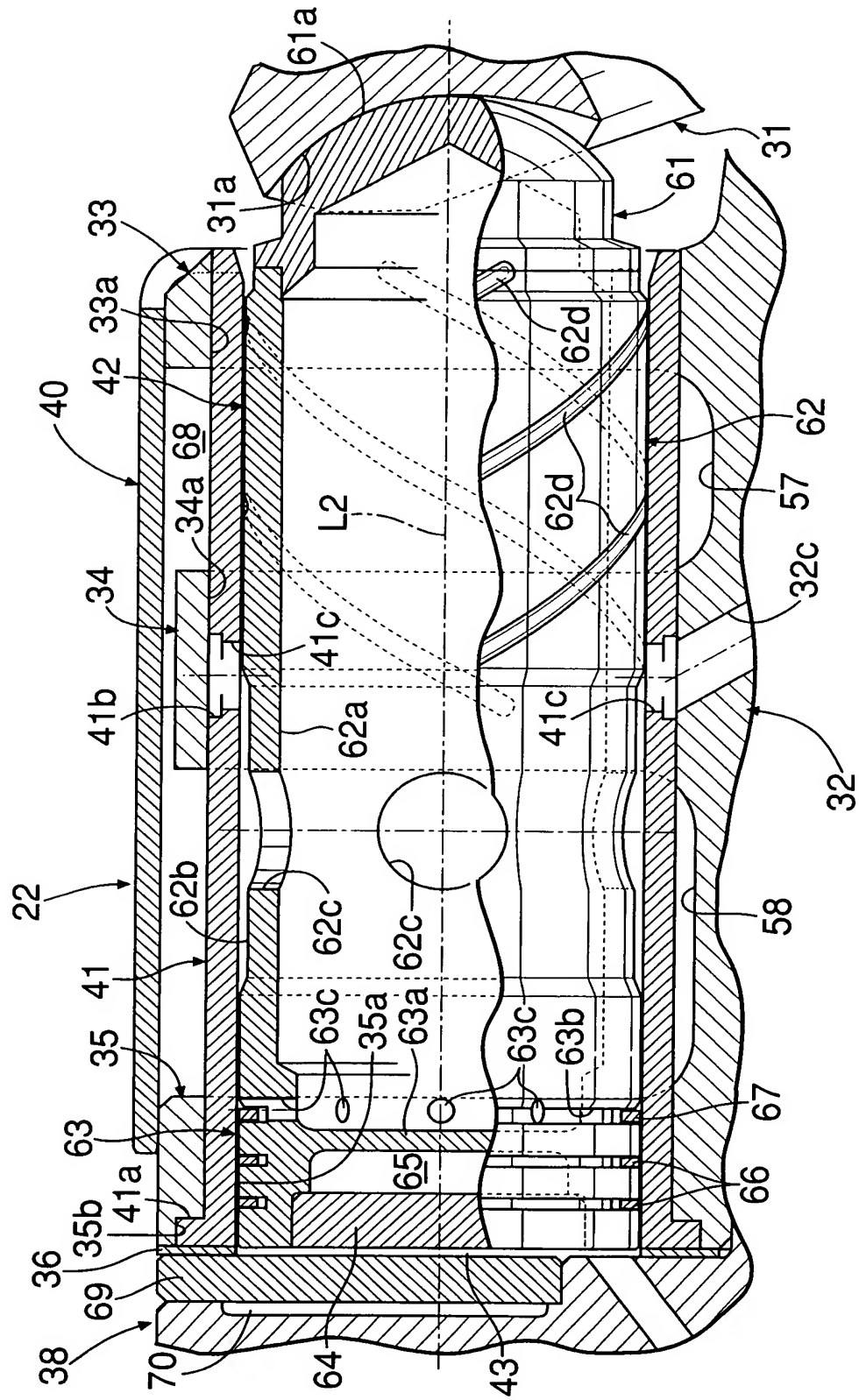


FIG. 9



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FIG.10

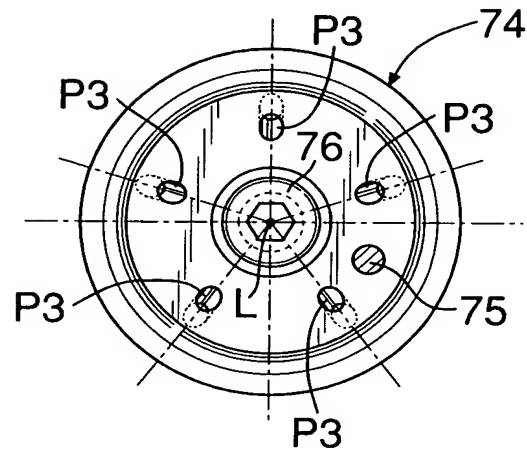
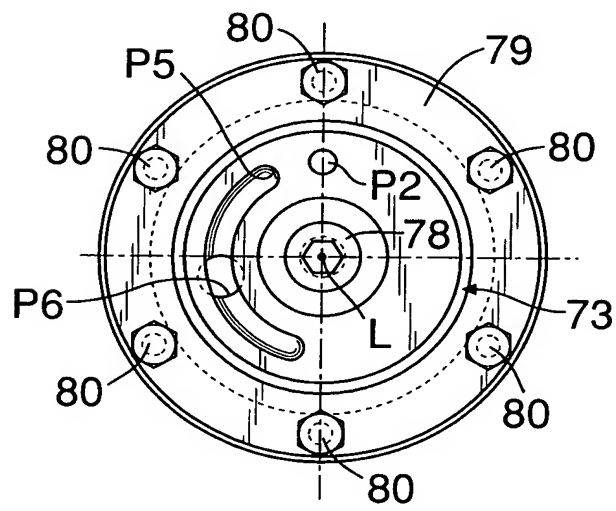


FIG.11



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FIG.12

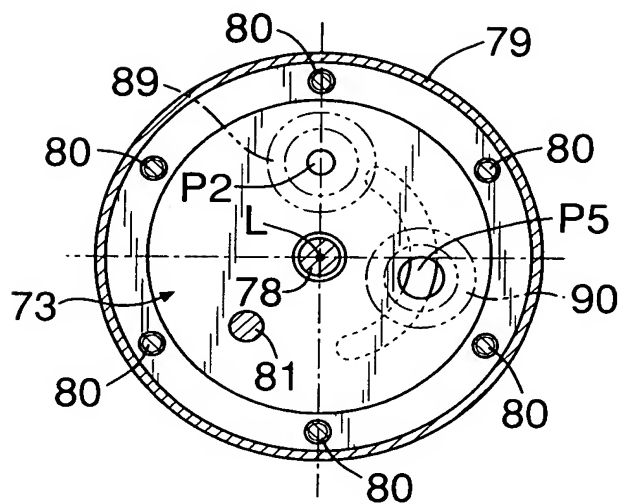
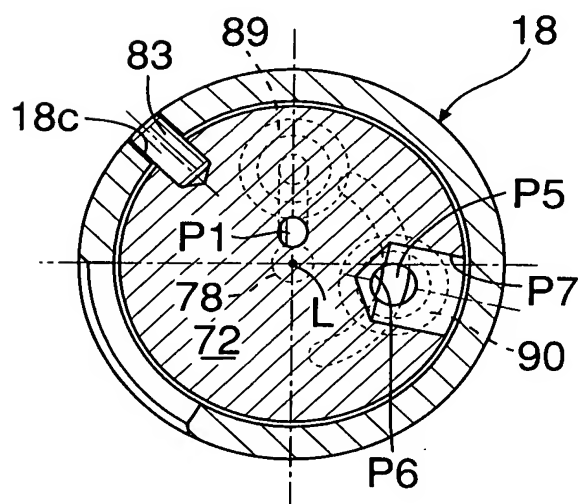


FIG.13



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FIG.14

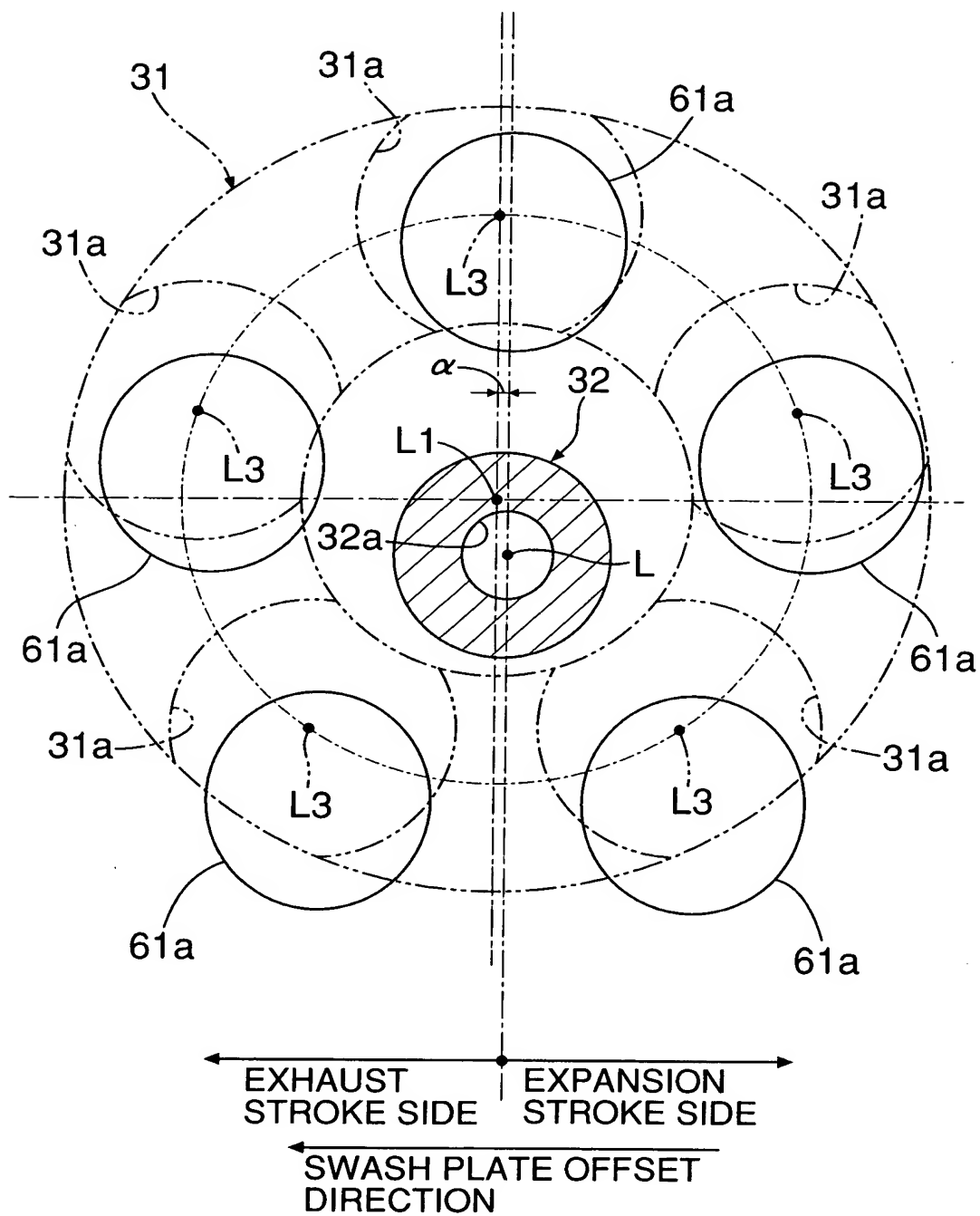
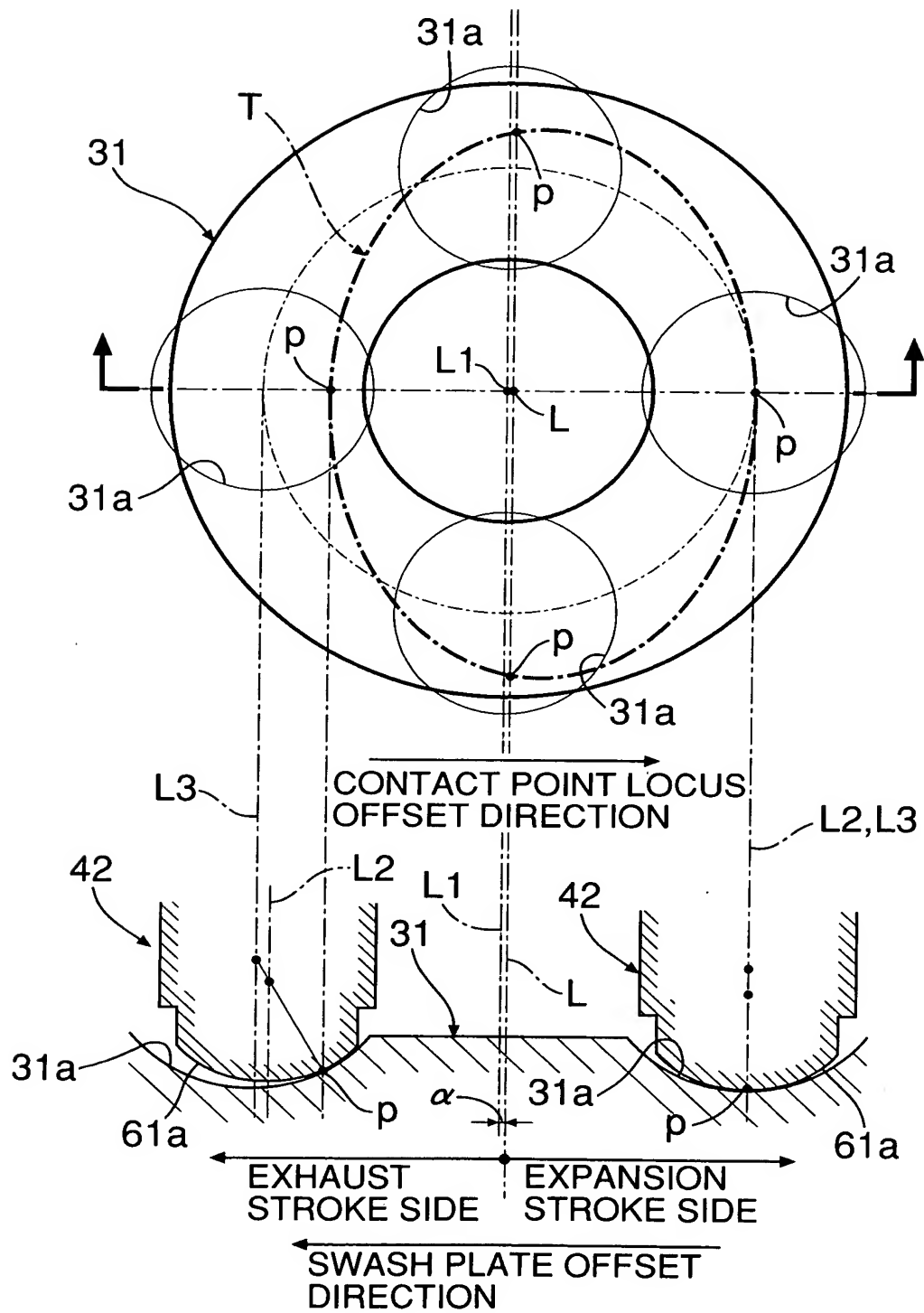


FIG.15

OFFSET PRESENT



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FIG.16

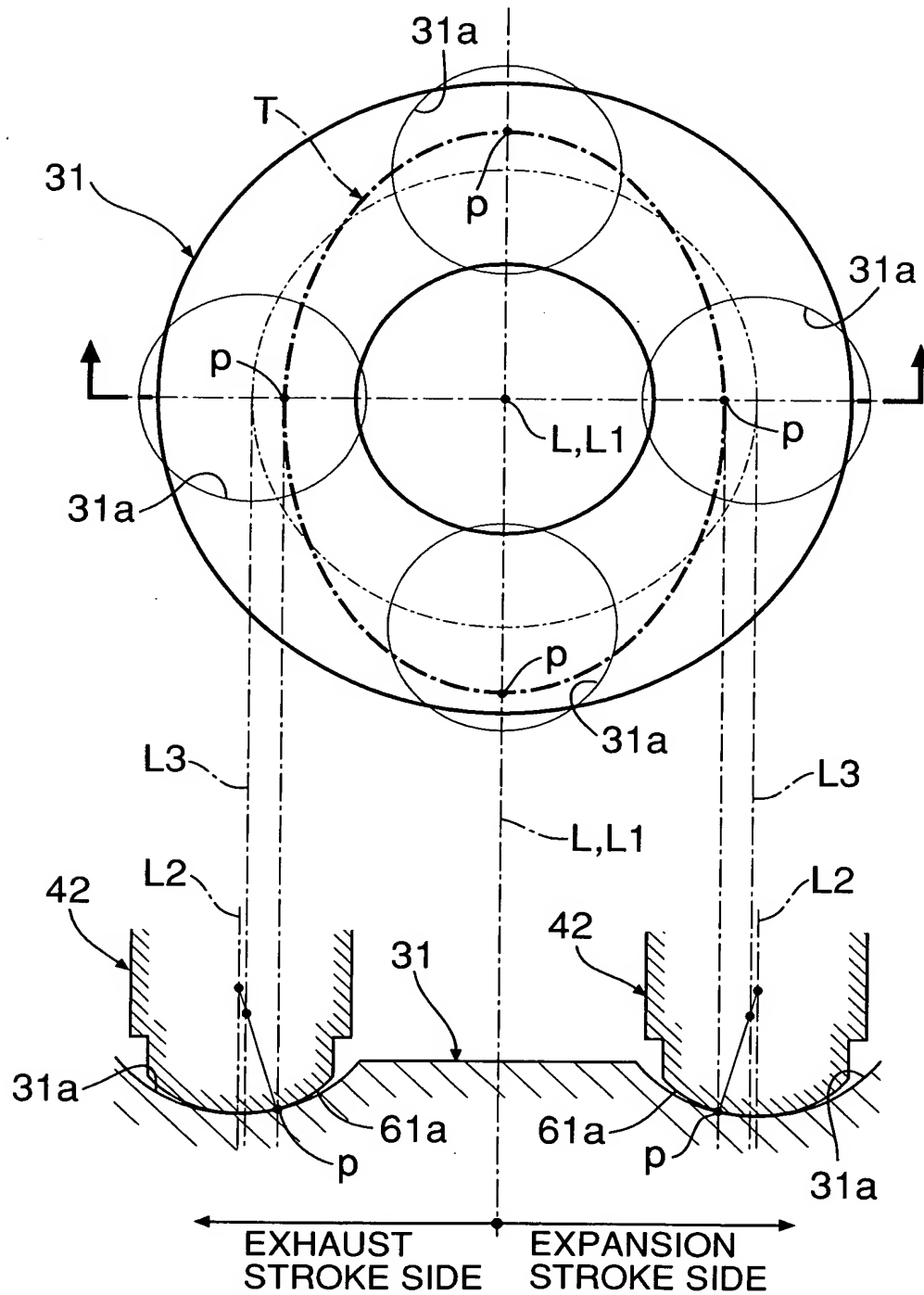
OFFSET NOT PRESENT

FIG.17

PISTON BENDING STRESS CHARACTERISTICS